If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

### C-A OPERATIONS PROCEDURES MANUAL

12 29	<b>TtB</b>	to	<b>Target</b>	Room	Check	List
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Text Pages 2 through 3

# **Hand Processed Changes**

HPC No.	<u>Date</u>		Page Nos.		<u>Initials</u>	
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		Collider-A	ccelerator Depar	rtment Cl	nairman	Date

C. Carlson

### 12.29 TtB to Target Room Check List

## 1. Purpose

The purpose of this procedure is to define the sequence of activities required to change from TtB operation to Target Room operation.

### 2. Responsibilities

It is the responsibility of the person or persons executing this procedure to observe all safety rules.

## 3. <u>Prerequisites</u>

The person or persons executing this procedure shall have all formal training required of a TVDG Operator.

## 4. <u>Precautions</u>

No special precautions are required.

### 5. **Procedure**

#### Checklist

Initial each step as it is completed.

5.1		Lock out 11DH02. See <u>C-A-OPM 12.20 "11DH02 Lockout Tagout Form"</u> for instructions.
5.2		Lock out the 11DH01 Magnet power supply. See <u>C-A-OPM 12.8 "Lockout-Tagout"</u> for details.
	5.2.1	Reconnect the 11DH01 Magnet power supply output cables to the HVEC Analyzer Magnet.
	5.2.2	Make sure that Klixon Interlock Control selector switch in the base cabinet of the HVEC Magnet is in the HVEC position.
5.3		_ Check to see that Tandem HE Zone will set.
5.4		_ Close TtB Vacuum Valve 10VP030.
5.5		Set HVEC Object Slits at 75 square.
5 6		Set TtB Object Slits at 20mm square

	5.7	Connect Slit Amplifiers to HVEC Image Slits.		
		Disconnect the object foil oscillator from the stepper motor controller and reconnect the image slits to the stepper motor controller.		
	5.9	Make sure that the object foil is a blank if applicable, and the oscillator is centered.		
	5.10	Install the Preaccel Aperture in the NII.		
	5.11	Make sure that the HV power for the Chopper Power Supply is OFF.		
	5.12	Set Electrostatic Deflection Steerer dials to 500/500		
	5.13 Date	Completed: Supervisor Approval:		
6.	<u>Docum</u>	<u>entation</u>		
	6.1	completed checklist shall be maintained in the TVDG Control Room.		
	6.2	The "" (lines) in the procedure are for place-keeping only. This procedure is not a record.		
7.	Refere	<u>nces</u>		
	7.1	C-A-OPM 12.20, "11DH02 Lockout Tagout Form".		
	7.2	C-A-OPM 12.8, "Lockout Tagout".		
8.	Attach	ments		
	None			